S 0500-1

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
SEPTEMBER 1980

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	29	838	57	191	1	6,059	1,176	1,533	1,042,665	29,258	95,653
Navajo 3X (386) 02-001-20011	30	665	253	636	2	3,682	1,156	1,601	1,827,757	258,382	416,387
Navajo 4 (384) 02-001-20009	30	4,730	2,921	61	1	49,452	19,330	578	2,925,647	1,043,313	85,693
Navajo 6 (390) 02-001-20014	29	537	28	251	1	5,753	445	3,039	235,418	9,951	71,141
Navajo 9 (396) 02-001-20020	30	478	5,505	848	1	9,459	27,909	19,682	1,644,974	382,921	255,514
Navajo 11 (506) 02-001-20106	30	153	309	2,984	2	1,500	868	26,782	911,675	81,182	358,515
Navajo 13 (420) 02-001-20044	30	58	112	595	1	1,031	1,736	1,723	3,364	4,303	3,202
Navajo 14 (416) 02-001-20040	30	913	56	450	1	8,189	1,895	5,560	271,984	18,162	123,490
Navajo 15 (417) 02-001-20041	30	305	0	102	1	1,935	362	1,086	102,340	13,434	26,047
Navajo 16 (419) 02-001-20143	26	355	534	53	1	1,657	3,643	1,394	89,469	15,554	14,772
Navajo 17 (618) 02-001-20190	29	125	0	17	1	1,859	434	878	40,348	6,410	35,366
Navajo 18 (690) 02-001-20239	30	668	4,129	39	1	17,126	44,307	1,328	57,409	89,652	9,103

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

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DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	30	3,403	0	905	1	44,499	1,438	18,718	151,484	3,329	31,964
Navajo 20 (696) 02-001-20245	30	4,043	112	1,035	1	53,313	473	16,629	80,665	2,166	22,775
Navajo 21 (693) 02-001-20242	30	560	478	78	1	[illegible]	4,953	[illegible]	17,618	[illegible]	7,[illegible]
Navajo 22 (692) 02-001-20241	30	456	28	174	1	4,148	164	2,089	15,815	2,064	8,433
Navajo 24 (695) 02-001-20244	25	1,311	2,247	568	1	17,518	47,080	9,934	60,178	127,703	33,439
Navajo B-1X (445) 02-001-20068	29	2,186	56	74	1	16,199	1,160	2,681	1,671,871	46,060	180,223
Navajo C-1 (484) 02-001-20092	30	15	28	TSTM		79	136	0	2,234	[illegible]	1,174
Navajo 88-2 (431) 02-001-20055	30	1,101	843	131	1	[illegible]	7,419	1,998	726,264	212,182	109,896
Navajo 88-3 (443) 02-001-20066	30	430	169	123	1	3,325	1,986	2,095	170,289	56,056	174,404
Navajo 138-1 (388) 02-001-20012	30	929	112	3,737	1	8,619	1,093	22,653	1,011,598	[illegible]	428,506
Operator & Field Total		24,259	17,977	13,052		270,103	169,163	143,029	13,061,066	2,468,225	2,493,561
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,772,482	3,239,557	2,891,913

September 1980

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	29	659	5,110	46	2	3,291	40,560	232	215,772	694,594	26,118
Navajo 138-2 (106) *None	30	0	0	188	2	0	0	1,785	7,566	0	36,707
Navajo 138-3 (115) *None	30	654	635	46	2	5,969	6,027	419	401,297	204,577	44,196
Operator & Field Total		1,313	5,745	280		9,260	46,587	2,436	624,635	899,171	107,021
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	25	74	0	3,397	2	1,195	0	34,009	181,872	1,154	1,003,688
Pan American Navajo "O"-3 (640) 02-001-20207	30	1,310	179	1,049	3	12,808	1,587	11,239	93,075	6,321	102,301
Pan American Navajo "O"-4 (663) 02-001-20219	26	852	1,007	620	3	9,896	10,048	7,896	77,658	34,363	57,556
Pan American Navajo "O"-5 (678) 02-001-20228	30	358	298	520 417	2 3	3,589	4,219	9,147	15,454	17,262	34,425
Operator & Field Total		2,594	1,484	6,003		27,488	15,854	62,291	368,059	59,100	1,197,970
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									373,457	169,376	1,215,669

September 1980

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	MONTHLY PRODUCTION WATER BBLS	MONTHLY PRODUCTION GAS MCF	MONTHLY PRODUCTION GAS DISP	YEAR TO DATE OIL BBLS	YEAR TO DATE WATER BBLS	YEAR TO DATE GAS MCF	ALL TIME CUMULATIVE OIL BBLS	ALL TIME CUMULATIVE WATER BBLS	ALL TIME CUMULATIVE GAS MCF
Humble Navajo 1 (28) *None	23	969	1,045	200 1,182	2 3	8,672	8,752	16,053	52,748	84,114	1,856,621
Humble Navajo 3 (515) 02-001-20115	27	266	7,425	200 1,778	2 3	1,451	39,925	15,388	56,982	563,273	355,929
Humble Navajo E-1 (58) *None	12	73	7,350	0		1,474	81,000	0	279,516	1,159,728	998,745
Shell Navajo 2 (22) *None	27	45	25	2,202	3	391	233	31,941	8,045	3,592	1,603,403
Consolidated Navajo 2-11 (518) 02-001-20117		0	0	0		320	9,997	1,742	42,960	610,110	198,364
Operator & Field Total		1,353	15,845	5,562		12,308	139,907	65,124	440,251	2,420,817	5,013,062
Total of Wells Not Now Producing									332,398	1,782,166	4,342,172
TOTAL									772,649	4,202,983	9,355,234
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		29,519	41,051	24,897		319,159	371,511	272,880	17,669,521	8,741,287	17,101,803

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
OCTOBER 1980

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	711	91	164	1	6,770	1,267	1,697	1,043,376	29,349	95,817
Navajo 3X (386) 02-001-20011	31	762	273	182	2	4,444	1,429	1,783	1,828,519	258,655	416,569
Navajo 4 (384) 02-001-20009	31	5,238	2,550	83	1	54,690	21,880	661	2,930,885	1,045,863	85,776
Navajo 6 (390) 02-001-20014	31	626	334	245	1	6,379	779	3,284	236,044	10,285	71,386
Navajo 9 (396) 02-001-20020	26	403	3,886	46	1	9,862	31,795	19,728	1,645,377	386,807	255,560
Navajo 11 (506) 02-001-20106	28	225	0	8,775	2	1,725	868	35,557	911,900	81,182	367,290
Navajo 13 (420) 02-001-20044	30	415	61	2,781	1	1,446	1,797	4,504	3,779	4,364	5,983
Navajo 14 (416) 02-001-20040	31	1,010	61	505	1	9,199	1,956	6,065	272,994	18,223	123,995
Navajo 15 (417) 02-001-20041	31	329	0	175	1	2,264	362	1,261	102,669	13,434	26,222
Navajo 16 (419) 02-001-20143	25	154	334	43	1	1,811	3,977	1,437	89,623	15,888	14,815
Navajo 17 (618) 02-001-20190	18	572	0	374	1	2,431	434	1,252	40,920	6,410	35,740
Navajo 18 (690) 02-001-20239	27	439	1,397	49	1	17,565	45,704	1,377	57,848	91,049	9,152

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DEC 16 1980

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	27	3,796	91	2,240	1	48,295	1,529	20,958	155,280	3,420	34,204
Navajo 20 (696) 02-001-20245	31	4,487	121	1,947	1	57,800	594	18,576	85,152	2,287	24,722
Navajo 21 (693) 02-001-20242	31	609	516	132	1	5,195	5,469	1,180	18,227	15,603	7,996
Navajo 22 (692) 02-001-20241	31	603	30	113	1	4,751	194	2,202	16,418	2,094	8,546
Navajo 24 (695) 02-001-20244	26	1,157	7,438	698	1	18,675	54,518	10,632	61,335	135,141	34,137
Navajo B-1X (445) 02-001-20068	31	2,536	61	79	1	18,735	1,221	2,760	1,674,407	46,121	180,302
Navajo C-1 (484) 02-001-20092	31	13	30	TSTM		92	166	0	2,247	1,648	1,174
Navajo 88-2 (431) 02-001-20055	31	893	911	127	1	11,008	8,330	2,125	727,157	213,093	110,023
Navajo 88-3 (443) 02-001-20066	31	368	182	96	1	3,693	2,168	2,191	170,657	56,238	174,500
Navajo 138-1 (388) 02-001-20012	31	1,151	121	1,606	1	9,770	1,214	24,259	1,012,749	49,559	430,112
Operator & Field Total		26,497	18,488	20,460		296,600	187,651	163,489	13,087,563	2,486,713	2,514,021
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,798,979	3,258,045	2,912,373

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	28	394	4,980	26	2	3,685	45,540	258	216,166	699,574	26,144
Navajo 138-2 (106) *None	31	0	0	189	2	0	0	1,974	7,566	0	36,896
Navajo 138-3 (115) *None	31	633	645	44	2	6,602	6,672	463	401,930	205,222	44,240
Operator & Field Total		1,027	5,625	259		10,287	52,212	2,695	625,662	904,796	107,280
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	31	663	0	3,155	2	1,858	0	37,164	182,535	1,154	1,006,843
Pan American Navajo "O"-3 (640) 02-001-20207	31	1,459	0	1,309	3	14,267	1,587	12,548	94,534	6,321	103,610
Pan American Navajo "O"-4 (663) 02-001-20219	29	930	775	1,670	3	10,826	10,823	9,566	78,588	35,138	59,226
Pan American Navajo "O"-5 (678) 02-001-20228	31	398	331	538 1,140	2 3	3,987	4,550	10,825	15,852	17,593	36,103
Operator & Field Total		3,450	1,106	7,812		30,938	16,960	70,103	371,509	60,206	1,205,782
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									376,907	170,482	1,223,481

EAST BOUNDARY BUTTE (PARADOX)		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Merrion & Bayless	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	27	1,117	1,230	204 1,420	2 3	9,789	9,982	17,677	53,865	85,344	1,858,245
Humble Navajo 3 (515) 02-001-20115	26	264	7,350	204 1,800	2 3	1,715	47,275	17,392	57,246	570,623	357,933
Humble Navajo E-1 (58) *None	7	38	5,150	0		1,512	86,150	0	279,554	1,164,878	998,745
Shell Navajo 2 (22) *None	28	92	65	4,631	3	483	298	36,572	8,137	3,657	1,608,034
Consolidated Navajo 2-11 (518) 02-001-20117		0	0	0		320	9,997	1,742	42,960	610,110	198,364
Operator & Field Total		1,511	13,795	8,259		13,819	153,702	73,383	441,762	2,434,612	5,021,321
Total of Wells Not Now Producing									332,398	1,782,166	4,342,172
TOTAL									774,160	4,216,778	9,363,493
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		32,485	39,014	36,790		351,644	410,525	309,670	17,702,006	8,780,301	17,138,593

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
NOVEMBER 1980

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	30	550	83	127	1	7,320	1,350	1,824	1,043,926	29,432	95,944
Navajo 3X (386) 02-001-20011	30	718	249	172	2	5,162	1,678	1,955	1,829,237	258,904	416,741
Navajo 4 (384) 02-001-20009	24	3,756	3,153	60	1	58,446	25,033	721	2,934,641	1,049,016	85,836
Navajo 6 (390) 02-001-20014	30	580	304	227	1	6,959	1,083	3,511	236,624	10,589	71,613
Navajo 9 (396) 02-001-20020	27	384	2,628	44	1	10,246	34,423	19,772	1,645,761	389,435	255,604
Navajo 11 (506) 02-001-20106	30	82	0	476	2	1,807	868	36,033	911,982	81,182	367,766
Navajo 13 (420) 02-001-20044	21	93	55	623	1	1,539	1,852	5,127	3,872	4,419	6,606
Navajo 14 (416) 02-001-20040	30	931	55	466	1	10,130	2,011	6,531	273,925	18,278	124,461
Navajo 15 (417) 02-001-20041	30	283	0	150	1	2,547	362	1,411	102,952	13,434	26,372
Navajo 16 (419) 02-001-20143	24	95	111	26	1	1,906	4,088	1,463	89,718	15,999	14,841
Navajo 17 (618) 02-001-20190	29	277	0	181	1	2,708	434	1,433	41,197	6,410	35,921
Navajo 18 (690) 02-001-20239	16	167	1,245	109	1	17,732	46,949	1,486	58,015	92,294	9,261

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

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DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	30	3,256	83	1,921	1	51,551	1,612	22,879	158,536	3,503	36,125
Navajo 20 (696) 02-001-20245	30	4,296	111	1,864	1	62,096	705	20,440	89,448	2,398	26,586
Navajo 21 (693) 02-001-20242	30	527	83	114	1	5,722	5,552	1,294	18,754	15,686	5,110
Navajo 22 (692) 02-001-20241	30	478	0	89	1	5,229	194	2,291	16,896	2,094	8,635
Navajo 24 (695) 02-001-20244	18	719	5,836	434	1	19,394	60,354	11,066	62,054	140,977	34,571
Navajo B-1X (445) 02-001-20068	30	2,455	55	76	1	21,190	1,276	2,836	1,676,862	46,176	180,378
Navajo C-1 (484) 02-001-20092	30	11	28	0		103	194	0	2,258	1,676	1,174
Navajo 88-2 (431) 02-001-20055	30	912	830	130	1	11,920	9,160	2,255	728,069	213,923	110,153
Navajo 88-3 (443) 02-001-20066	30	388	166	101	1	4,081	2,334	2,292	171,045	56,404	174,601
Navajo 138-1 (388) 02-001-20012	30	1,158	111	1,615	1	10,928	1,325	25,874	1,013,907	49,670	431,727
Operator & Field Total		22,116	15,186	9,005		318,716	202,837	172,494	13,109,679	2,501,899	2,523,026
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,821,095	3,273,231	2,921,378

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	24	335	3,974	23	2	4,020	49,514	281	216,501	703,548	26,167
Navajo 138-2 (106) *None	30	0	0	138	2	0	0	2,112	7,566	0	37,034
Navajo 138-3 (115) *None	30	612	640	43	2	7,214	7,312	506	402,542	205,862	44,283
Operator & Field Total		947	4,614	204		11,234	56,826	2,899	626,609	909,410	107,484
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	30	532	0	3,868	2	2,390	0	41,032	183,067	1,154	1,010,711
Pan American Navajo "O"-3 (640) 02-001-20207	30	1,169	0	1,260	3	15,436	1,587	13,808	95,703	6,321	104,870
Pan American Navajo "O"-4 (663) 02-001-20219	27	717	598	880	3	11,543	11,421	10,446	79,305	35,736	60,106
Pan American Navajo "O"-5 (678) 02-001-20228	29	308	257	503 829	2 3	4,295	4,807	12,157	16,160	17,850	37,435
Operator & Field Total		2,726	855	7,340		33,664	17,815	77,443	374,235	61,061	1,213,122
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									379,633	171,337	1,230,821

November 1980

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	29	942	1,020	219 1,525	2 3	10,731	11,002	19,421	54,807	96,354	2,359,[illegible]
Humble Navajo 3 (515) 02-001-20115	1	10	300	8 82	2 3	1,725	47,575	17,482	57,256	570,923	358,023
Humble Navajo E-1 (58) *None	5	25	3,350	0		1,537	89,500	0	279,579	1,168,228	998,745
Shell Navajo 2 (22) *None	8	21	0	734	3	504	298	37,306	8,158	3,657	1,608,768
Consolidated Navajo 2-11 (518) 02-001-20117		0	0	0		320	9,997	1,742	42,960	610,110	198,364
Operator & Field Total		998	4,670	2,568		14,817	158,372	75,951	442,760	2,439,282	5,023,889
Total of Wells Not Now Producing									332,398	1,782,166	4,342,172
TOTAL									775,158	4,221,448	9,366,061
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		26,787	25,325	19,117		373,431	435,850	328,787	17,728,793	8,805,626	17,157,710

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
DECEMBER 1980

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	591	66	137	1	7,911	1,416	1,961	1,044,517	29,498	96,081
Navajo 3X (386) 02-001-20011	31	459	66	110	2	5,671	1,744	2,065	1,829,696	258,970	416,851
Navajo 4 (384) 02-001-20009	30	3,981	2,380	64	1	62,427	27,413	785	2,938,622	1,051,396	85,900
Navajo 6 (390) 02-001-20014	31	532	0	208	1	7,491	1,083	3,719	237,156	10,589	71,821
Navajo 9 (396) 02-001-20020	29	461	2,292	53	1	10,707	36,715	19,825	1,646,222	391,727	255,657
Navajo 11 (506) 02-001-20106	31	90	0	3,510	2	1,897	868	39,543	912,072	81,182	371,276
Navajo 13 (420) 02-001-20044	28	106	44	710	1	1,645	1,896	5,837	3,978	4,463	7,316
Navajo 14 (416) 02-001-20040	31	907	0	454	1	11,037	2,011	6,985	274,832	18,278	124,915
Navajo 15 (417) 02-001-20041	31	179	44	95	1	2,726	406	1,506	103,131	13,478	26,467
Navajo 16 (419) 02-001-20143	29	174	198	48	1	2,080	4,286	1,511	89,892	16,197	14,889
Navajo 17 (618) 02-001-20190	31	11	0	8	1	2,719	434	1,441	41,208	6,410	35,929
Navajo 18 (690) 02-001-20239	26	21	1,829	2	1	17,753	48,778	1,488	58,036	94,123	9,263

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

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December 1980

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	31	3,989	133	2,354	1	55,540	1,745	25,233	162,525	3,636	38,479
Navajo 20 (696) 02-001-20245	31	4,482	0	1,945	1	66,578	705	22,385	93,930	2,398	28,531
Navajo 21 (693) 02-001-20242	31	445	154	97	1	6,167	5,706	1,391	19,199	15,840	8,207
Navajo 22 (692) 02-001-20241	31	297	44	56	1	5,526	238	2,347	17,193	2,138	8,691
Navajo 24 (695) 02-001-20244	19	904	6,126	545	1	20,298	66,480	11,611	62,958	147,103	35,116
Navajo B-1X (445) 02-001-20068	30	2,324	132	72	1	23,514	1,408	2,908	1,679,186	46,308	180,450
Navajo C-1 (484) 02-001-20092	31	16	23	TSTM		119	217	0	2,274	1,699	1,174
Navajo 88-2 (431) 02-001-20055	23	689	705	98	1	12,609	9,865	2,353	728,758	214,628	110,251
Navajo 88-3 (443) 02-001-20066	24	148	198	39	1	4,229	2,532	2,331	171,193	56,602	174,640
Navajo 138-1 (388) 02-001-20012	31	1,304	88	1,819	1	12,232	1,413	27,693	1,015,211	49,758	433,546
Operator & Field Total		22,110	14,522	12,424		340,826	217,359	184,918	13,131,789	2,516,421	2,535,450
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,843,205	3,287,753	2,933,802

December 1980

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
Navajo 138-1 (77) *None	29	398	4,957	28	2	4,418	54,471	309	216,899	708,505	26,195
Navajo 138-2 (106) *None	31	0	0	196	2	0	0	2,308	7,566	0	37,230
Navajo 138-3 (115) *None	31	600	635	42	2	7,814	7,947	548	403,142	206,497	44,325
Operator & Field Total		998	5,592	266		12,232	62,418	3,165	627,607	915,002	107,750
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	28	494	0	3,656	2	2,884	0	44,688	183,561	1,154	1,014,367
Pan American Navajo "O"-3 (640) 02-001-20207	29	1,125	0	1,070	3	16,561	1,587	14,878	96,828	6,321	105,940
Pan American Navajo "O"-4 (663) 02-001-20219	27	715	595	774	3	12,258	12,016	11,220	80,020	36,331	60,880
Pan American Navajo "O"-5 (678) 02-001-20228	28	296	247	485 703	2 3	4,591	5,054	13,345	16,456	18,097	38,623
Operator & Field Total		2,630	842	6,688		36,294	18,657	84,131	376,865	61,903	1,219,810
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									382,263	172,179	1,237,509

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	29	1,305	1,020	225 1,910	2 3	12,036	12,022	21,556	56,112	87,384	1,862,124
Humble Navajo 3 (515) 02-001-20115	5	116	1,500	40 595	2 3	1,841	49,075	18,117	57,372	572,423	358,658
Humble Navajo E-1 (58) *None	8	126	5,200	0		1,663	94,700	0	279,705	1,173,428	998,745
Shell Navajo 2 (22) *None	27	227	0	6,583	3	731	298	43,889	8,385	3,657	1,615,351
Consolidated Navajo 2-11 (518) 02-001-20117		0	0	0		320	9,997	1,742	42,960	610,110	198,364
Operator & Field Total		1,774	7,720	9,353		16,591	166,092	85,304	444,534	2,447,002	5,033,242
Total of Wells Not Now Producing									332,398	1,782,166	4,342,172
TOTAL									776,932	4,229,168	9,375,414
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		27,512	28,676	28,731		405,943	464,526	357,518	17,756,305	8,834,302	17,186,441

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
DECEMBER 1980

CORRECTED DECEMBER 1980 figures received 3-2-81

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	577	66	133	1	7,897	1,416	1,957	1,044,503	29,498	96,077
Navajo 3X (386) 02-001-20011	31	448	66	107	2	5,610	1,744	2,062	1,829,685	258,970	416,848
Navajo 4 (384) 02-001-20009	30	3,886	2,380	62	1	62,332	27,413	783	2,938,527	1,051,396	85,898
Navajo 6 (390) 02-001-20014	31	519	0	203	1	7,478	1,083	3,714	237,143	10,589	71,816
Navajo 9 (396) 02-001-20020	29	450	2,292	52	1	10,696	36,715	19,824	1,646,211	391,727	255,656
Navajo 11 (506) 02-001-20106	31	88	0	3,432	2	1,895	868	39,465	912,070	81,182	371,198
Navajo 13 (420) 02-001-20044	28	104	44	697	1	1,643	1,896	5,824	3,976	4,463	7,303
Navajo 14 (416) 02-001-20040	31	886	0	443	1	11,016	2,011	6,974	274,811	18,278	124,904
Navajo 15 (417) 02-001-20041	31	175	44	93	1	2,722	406	1,504	103,127	13,478	26,465
Navajo 16 (419) 02-001-20143	29	170	198	47	1	2,076	4,286	1,510	89,888	16,197	14,888
Navajo 17 (618) 02-001-20190	31	296	0	193	1	3,004	434	1,626	41,493	6,410	36,114
Navajo 18 (690) 02-001-20239	26	260	1,829	29	1	17,992	48,778	1,515	58,275	94,123	9,290

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

MAR 17 1981

December 1980

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	31	3,893	133	2,297	1	55,444	1,745	25,176	162,429	3,636	38,422
Navajo 20 (696) 02-001-20245	31	4,374	0	1,898	1	66,470	705	22,338	93,822	2,398	28,484
Navajo 21 (693) 02-001-20242	31	434	154	94	1	6,156	5,706	1,388	19,188	15,840	8,204
Navajo 22 (692) 02-001-20241	31	292	44	55	1	5,521	238	2,346	17,188	2,138	8,690
Navajo 24 (695) 02-001-20244	19	883	6,126	532	1	20,277	66,480	11,598	62,937	147,103	35,103
Navajo B-1X (445) 02-001-20068	30	2,269	132	70	1	23,459	1,408	2,906	1,679,131	46,308	180,448
Navajo C-1 (484) 02-001-20092	31	15	23	TSTM		118	217	0	2,273	1,699	1,174
Navajo 88-2 (431) 02-001-20055	23	673	705	96	1	12,593	9,865	2,351	728,742	214,628	110,249
Navajo 88-3 (443) 02-001-20066	24	145	198	38	1	4,226	2,532	2,330	171,190	56,602	174,639
Navajo 138-1 (388) 02-001-20012	31	1,273	88	1,776	1	12,201	1,413	27,659	1,015,180	49,758	433,503
Operator & Field Total		22,110	14,522	12,347		340,826	217,359	184,841	13,131,789	2,516,421	2,535,373
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,843,205	3,287,753	2,933,725

Corrected Grand Total figures (gas only) 28,654 357,441 17,186,364

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
JANUARY 1981

*Reflects corrected December 1980 figures received 3-2-81.

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	950	29	316	1	950	29	316	1,045,453*	29,527	96,393*
Navajo 3X (386) 02-001-20011	31	694	86	3,380	2	694	86	3,380	1,830,379*	259,056	420,228*
Navajo 4 (384) 02-001-20009	31	4,930	2,764	44	1	4,930	2,764	44	2,943,457*	1,054,160	85,942*
Navajo 6 (390) 02-001-20014	31	362	0	335	1	362	0	335	237,505*	10,589	72,151*
Navajo 9 (396) 02-001-20020	29	272	3,335	129	1	272	3,335	129	1,646,483*	395,062	255,785*
Navajo 11 (506) 02-001-20106	31	98	0	1,228	2	98	0	1,228	912,168*	81,182	372,426*
Navajo 13 (420) 02-001-20044	19	19	57	120	1	19	57	120	3,995*	4,520	7,423*
Navajo 14 (416) 02-001-20040	31	629	200	484	1	629	200	484	275,440*	18,478	125,388*
Navajo 15 (417) 02-001-20041	15	52	57	59	1	52	57	59	103,179*	13,535	26,524*
Navajo 16 (419) 02-001-20143	31	303	200	61	1	303	200	61	90,191*	16,397	14,949*
Navajo 17 (618) 02-001-20190	31	144	29	68	1	144	29	68	41,637*	6,439	36,182*
Navajo 18 (690) 02-001-20239	31	600	3,078	201	1	600	3,078	201	58,875*	97,201	9,491*

Gas Distribution Symbols in this Report:
1 - Flared
2 - Used on Lease
3 - Sold
4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

MAR 17 1981

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	30	4,066	143	1,927	1	4,066	143	1,927	166,495*	3,779	40,349*
Navajo 20 (696) 02-001-20245	31	3,917	0	948	1	3,917	0	948	97,739*	2,398	29,432*
Navajo 21 (693) 02-001-20242	31	299	171	161	1	299	171	161	19,487*	16,011	8,365*
Navajo 22 (692) 02-001-20241	31	123	57	TSTM		123	57	0	17,311*	2,195	8,690
Navajo 24 (695) 02-001-20244	28	1,514	6,187	466	1	1,514	6,187	466	64,451*	153,290	35,569*
Navajo B-1X (445) 02-001-20068	28	2,197	142	272	1	2,197	142	272	1,681,328*	46,450	180,720*
Navajo C-1 (484) 02-001-20092	31	16	29	TSTM		16	29	0	2,289*	1,728	1,174
Navajo 88-2 (431) 02-001-20055	31	900	769	213	1	900	769	213	729,642*	215,397	110,462*
Navajo 88-3 (443) 02-001-20066	29	112	200	140	1	112	200	140	171,302*	56,802	174,779*
Navajo 138-1 (388) 02-001-20012	31	279	57	143	1	279	57	143	1,015,459*	49,815	433,646*
Operator & Field Total		22,476	17,590	10,695		22,476	17,590	10,695	13,154,265	2,534,011	2,546,068*
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,865,681	3,305,343	2,944,420*

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	25	312	4,214	22	2	312	4,214	22	217,211	712,719	26,217
Navajo 138-2 (106) *None	31	0	0	206	2	0	0	206	7,566	0	37,436
Navajo 138-3 (115) *None	27	406	424	28	2	406	424	28	403,548	206,921	44,353
Operator & Field Total		718	4,638	256		718	4,638	256	628,325	919,640	108,006
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	31	553	0	4,009	2	553	0	4,009	184,114	1,154	1,018,376
Pan American Navajo "O"-3 (640) 02-001-20207	31	1,218	0	823	3	1,218	0	823	98,046	6,321	106,763
Pan American Navajo "O"-4 (663) 02-001-20219	29	777	647	641	3	777	647	641	80,797	36,978	61,521
Pan American Navajo "O"-5 (678) 02-001-20228	31	332	277	538 560	2 3	332	277	1,098	16,788	18,374	39,721
Operator & Field Total		2,880	924	6,571		2,880	924	6,571	379,745	62,827	1,226,381
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									385,143	173,103	1,244,080

January 1981

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	28	750	670	220 607	2 3	750	670	827	56,862	88,054	1,862,951
Humble Navajo 3 (515) 02-001-20115	31	220	6,000	240 820	2 3	220	6,000	1,060	57,592	578,423	359,718
Humble Navajo E-1 (58) *None	16	439	10,400	0		439	10,400	0	280,144	1,183,828	998,745
Shell Navajo 2 (22) *None	15	63	40	3,348	3	63	40	3,348	8,448	3,697	1,618,699
Operator & Field Total		1,472	17,110	5,235		1,472	17,110	5,235	403,046	1,854,002	4,840,113
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									778,404	4,246,278	9,380,649
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	**230,200**	3,531,966 H 9,237,739
TOTALS		27,546	40,262	22,757		27,546	40,262	22,757	17,783,851	8,874,564	17,209,121

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
FEBRUARY 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	28	876	122	292	1	1,826	151	608	1,046,329	29,649	96,685
Navajo 3X (386) 02-001-20011	28	600	122	2,922	2	1,294	208	6,302	1,830,979	259,178	423,150
Navajo 4 (384) 02-001-20009	28	3,545	2,026	32	1	8,475	4,790	76	2,947,002	1,056,186	85,974
Navajo 6 (390) 02-001-20014	28	455	24	421	1	817	24	756	237,960	10,613	72,572
Navajo 9 (396) 02-001-20020	28	456	4,054	217	1	728	7,389	346	1,646,939	399,116	256,002
Navajo 11 (506) 02-001-20106	28	67	24	840	2	165	24	2,068	912,235	31,206	373,266
Navajo 13 (420) 02-001-20044		0	0	0		19	57	120	3,995	4,520	7,423
Navajo 14 (416) 02-001-20040	28	615	220	474	1	1,244	420	958	276,055	18,698	125,862
Navajo 15 (417) 02-001-20041	1	4	0	5	1	56	57	64	103,183	13,535	26,529
Navajo 16 (419) 02-001-20143	27	259	220	52	1	562	420	113	90,450	16,617	15,001
Navajo 17 (618) 02-001-20190	6	23	1	11	1	167	30	79	41,660	6,440	36,193
Navajo 18 (690) 02-001-20239	27	301	2,784	101	1	901	5,862	302	59,176	99,985	9,592

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

February 1981
DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	27	3,550	1,807	1,683	1	7,616	1,950	3,610	170,045	5,586	42,032
Navajo 20 (696) 02-001-20245	28	3,055	0	739	1	6,972	0	1,657	100,794	2,398	30,171
Navajo 21 (693) 02-001-20242	28	276	171	149	1	375	342	310	19,763	16,182	8,514
Navajo 22 (692) 02-001-20241	28	214	24	TSTM		337	81	0	17,525	2,219	8,690
Navajo 24 (695) 02-001-20244	28	1,624	6,274	500	1	3,138	12,461	966	66,075	159,564	36,069
Navajo B-1X (445) 02-001-20068	28	2,227	73	276	1	4,424	215	548	1,683,555	46,523	180,996
Navajo C-1 (484) 02-001-20092	28	13	24	TSTM		29	53	0	2,302	1,752	1,174
Navajo 88-2 (431) 02-001-20055	22	645	781	153	1	1,545	1,550	366	730,287	216,178	110,615
Navajo 88-3 (443) 02-001-20066	7	29	52	36	1	141	252	176	171,331	56,854	174,815
Navajo 138-1 (388) 02-001-20012	28	858	73	440	1	1,137	130	583	1,016,317	49,888	434,086
Operacor & Field Total		19,692	18,876	9,343		42,168	36,466	20,038	13,173,957	2,552,887	2,555,411
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,885,373	3,324,219	2,953,763

February 1981

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
		OIL	WATER	GAS		OIL	WATER	GAS	OIL	WATER	GAS
	DAYS	BBLS	BBLS	MCF	DISP	BBLS	BBLS	MCF	BBLS	BBLS	MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
Navajo 138-1 (77) *None	16	223	2,695	16	2	535	6,909	38	217,434	715,414	26,233
Navajo 138-2 (106) *None	28	0	0	202	2	0	0	405	7,566	0	37,638
Navajo 138-3 (115) *None	26	493	488	35	2	899	912	63	404,041	207,409	44,388
Operator & Field Total		716	3,183	253		1,434	7,821	509	629,041	922,823	108,259
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	28	487	0	3,639	2	1,040	0	7,648	184,601	1,154	1,022,015
Pan American Navajo "O"-3 (540) 02-001-20207	28	1,070	0	1,093	3	2,288	0	1,916	99,116	6,321	107,856
Pan American Navajo "O"-4 (663) 02-001-20219	26	678	565	790	3	1,455	1,212	1,431	81,475	27,543	62,311
Pan American Navajo "O"-5 (678) 02-001-20228	28	292	243	485 747	2 3	624	520	2,330	17,080	18,617	40,953
Operator & Field Total		2,527	808	6,754		5,407	1,732	13,325	382,272	63,635	1,233,135
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									387,670	173,911	1,250,834

February 1981

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	23	1,242	900	220 1,160	2 3	1,992	1,570	2,207	58,104	88,954	1,864,331
Humble Navajo 3 (515) 02-001-20115	28	68	1,600	220 780	2 3	288	7,600	2,060	57,660	380,023	860,718
Humble Navajo E-1 (58) *None	15	102	9,750	0		541	20,150	0	280,246	1,[illegible]3,578	[illegible]98,745
Shell Navajo 2 (22) *None	28	73	40	3,877	3	136	80	7,225	8,521	3,737	1,622,576
Consolidated Navajo 2-11 (516) 02-001-20117											
Operator & Field Total		1,485	12,290	6,257		2,957	29,400	11,492	[illegible]4,531	1,866,292	4,846,370
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									779,889	4,258,568	9,386,906
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,299	230,200	3,521,866 H 9,237,739
TOTALS		24,420	35,157	22,607		51,966	75,419	45,364	17,808,271	8,909,721	17,231,728

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
MARCH 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	758	35	252	1	2,584	186	860	1,047,087	29,684	96,937
Navajo 3X (386) 02-001-20011	31	724	108	3,526	2	2,018	316	9,828	1,831,703	259,286	426,676
Navajo 4 (384) 02-001-20009	31	4,208	3,224	38	1	12,683	8,014	114	2,951,210	1,059,410	86,012
Navajo 6 (390) 02-001-20014	31	678	0	627	1	1,495	24	1,383	238,638	10,613	73,199
Navajo 9 (396) 02-001-20020	31	627	5,314	298	1	1,355	12,703	644	1,647,566	404,430	256,300
Navajo 11 (506) 02-001-20106	31	41	35	514	2	206	59	2,582	912,276	81,241	373,780
Navajo 13 (420) 02-001-20044	7	7	14	44	1	26	71	164	4,002	4,534	7,467
Navajo 14 (416) 02-001-20040	31	772	0	594	1	2,016	420	1,552	276,827	18,698	126,456
Navajo 15 (417) 02-001-20041	7	73	0	83	1	129	57	147	103,256	13,535	26,612
Navajo 16 (419) 02-001-20143	31	299	1,240	60	1	861	1,660	173	90,749	17,857	15,061
Navajo 17 (618) 02-001-20190	10	72	16	34	1	239	46	113	41,732	6,456	36,227
Navajo 18 (690) 02-001-20239	31	468	4,641	157	1	1,369	10,503	459	59,644	104,626	9,749

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

BEST AVAILABLE COPY

MAY 04 1981

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	31	4,019	284	1,905	1	11,635	2,234	5,515	174,064	5,870	43,937
Navajo 20 (696) 02-001-20245	31	3,325	0	805	1	10,297	0	2,492	104,119	2,398	30,976
Navajo 21 (693) 02-001-20242	31	453	531	245	1	1,028	873	555	20,216	16,713	8,759
Navajo 22 (692) 02-001-20241	31	304	0	TSTM		641	81	0	17,829	2,219	8,690
Navajo 24 (695) 02-001-20244	31	2,043	8,680	629	1	5,181	21,141	1,595	68,118	168,244	36,698
Navajo B-1X (445) 02-001-20068	31	2,391	0	296	1	6,815	215	844	1,685,946	46,523	181,292
Navajo C-1 (484) 02-001-20092	31	17	35	TSTM		46	88	0	2,319	1,787	1,174
Navajo 88-2 (431) 02-001-20055	31	893	1,134	212	1	2,438	2,684	578	731,180	217,312	110,827
Navajo 88-3 (443) 02-001-20066	10	46	90	58	1	187	342	234	171,377	56,944	174,873
Navajo 138-1 (388) 02-001-20012	31	973	142	499	1	2,110	272	1,082	1,017,290	30,030	434,585
Operator & Field Total		23,191	25,523	10,876		65,359	61,989	30,914	13,197,148	2,578,410	2,566,287
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,908,564	3,349,742	2,964,639

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
DRY MESA (MISSISSIPPIAN)	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Monsanto Company											
Navajo 138-1 (77) *None	29	398	5,202	28	2	933	12,111	66	217,832	720,616	26,261
Navajo 138-2 (106) *None	31	0	0	254	2	0	0	662	7,566	0	37,892
Navajo 138-3 (115) *None	28	549	551	38	2	1,448	1,463	101	404,590	207,960	44,426
Operator & Field Total		947	5,753	320		2,381	13,574	829	629,988	928,576	108,579
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	30	521	0	3,861	2	1,561	0	11,509	185,122	1,154	1,025,876
Pan American Navajo "O"-3 (640) 02-001-20207	29	1,109	0	1,242	3	3,397	0	3,158	100,225	6,321	109,098
Pan American Navajo "O"-4 (663) 02-001-20219	29	756	630	965	3	2,211	1,842	2,396	82,231	38,173	63,276
Pan American Navajo "O"-5 (678) 02-001-20228	29	302	252	503 848	2 3	926	772	3,681	17,382	18,869	42,304
Operator & Field Total		2,688	882	7,419		8,095	2,614	20,744	384,960	64,517	1,240,554
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									390,358	174,793	1,258,253

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	MONTHLY PRODUCTION WATER BBLS	MONTHLY PRODUCTION GAS MCF	MONTHLY PRODUCTION GAS DISP	YEAR TO DATE OIL BBLS	YEAR TO DATE WATER BBLS	YEAR TO DATE GAS MCF	ALL TIME CUMULATIVE OIL BBLS	ALL TIME CUMULATIVE WATER BBLS	ALL TIME CUMULATIVE GAS MCF
Humble Navajo 1 (28)	31	1,275	1,000	220 1,413	2 3	3,267	2,570	3,840	59,379	89,954	1,865,964
*None											
Humble Navajo 3 (515) 02-001-20115	28	105	4,200	220	2	393	11,800	2,280	57,765	584,223	360,938
Humble Navajo E-1 (58)	17	97	11,050	0		638	31,200	0	280,343	1,204,628	998,745
*None											
Shell Navajo 2 (22)	31	71	35	4,850	3	207	115	12,075	8,592	3,772	1,627,426
*None											
Operator & Field Total		1,548	16,285	6,703		4,505	45,685	18,195	406,079	1,882,577	4,853,073
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									781,437	4,274,853	9,393,609
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		28,374	48,443	25,318		80,340	123,862	70,682	17,836,645	8,958,164	17,257,046

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
APRIL 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	30	592	73	197	1	3,176	259	1,057	1,047,679	29,757	97,134
Navajo 3X (386) 02-001-20011	30	704	73	3,428	2	2,722	389	13,256	1,832,407	259,359	430,104
Navajo 4 (384) 02-001-20009	30	4,520	2,157	41	1	17,203	10,171	155	2,955,730	1,061,567	86,053
Navajo 6 (390) 02-001-20014	26	362	24	335	1	1,857	48	1,718	239,000	10,637	73,534
Navajo 9 (396) 02-001-20020	30	521	3,999	247	1	1,876	16,702	891	1,648,087	408,429	256,547
Navajo 11 (506) 02-001-20106	30	30	24	376	2	236	83	2,958	912,306	81,265	374,156
Navajo 13 (420) 02-001-20044	30	271	0	1,707	1	297	71	1,871	4,273	4,534	9,174
Navajo 14 (416) 02-001-20040	30	815	24	628	1	2,831	444	2,180	277,642	18,722	127,084
Navajo 15 (417) 02-001-20041	30	406	145	460	1	535	202	607	103,662	13,680	27,072
Navajo 16 (419) 02-001-20143	30	256	704	51	1	1,117	2,364	224	91,005	18,561	15,112
Navajo 17 (618) 02-001-20190	30	277	24	130	1	516	70	243	42,009	6,480	36,357
Navajo 18 (690) 02-001-20239	30	542	4,945	182	1	1,911	15,448	641	60,186	109,571	9,931

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	30	3,326	194	1,577	1	14,961	2,428	7,092	177,390	6,064	45,514
Navajo 20 (696) 02-001-20245	30	2,819	0	682	1	13,116	0	3,174	106,938	2,398	31,658
Navajo 21 (693) 02-001-20242	25	410	727	221	1	1,438	1,600	776	20,626	17,440	8,980
Navajo 22 (692) 02-001-20241	30	425	73	TSTM		1,066	154	0	18,254	2,292	8,690
Navajo 24 (695) 02-001-20244	30	1,900	5,648	585	1	7,081	26,789	2,180	70,018	173,892	37,283
Navajo B-1X (445) 02-001-20068	30	2,395	218	297	1	9,210	433	1,141	1,688,341	46,741	181,589
Navajo C-1 (484) 02-001-20092	30	18	24	TSTM		64	112	0	2,337	1,811	1,174
Navajo 88-2 (431) 02-001-20055	25	714	824	169	1	3,152	3,508	747	731,894	218,136	110,996
Navajo 88-3 (443) 02-001-20066	30	423	242	529	1	610	584	763	171,800	57,186	175,402
Navajo 138-1 (388) 02-001-20012	30	1,058	97	543	1	3,168	369	1,625	1,018,348	50,127	435,1[illegible]
Operator & Field Total		22,784	20,239	12,385		88,143	82,228	43,299	13,219,932	2,598,649	2,578,672
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,931,348	3,369,981	2,977,024

		MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
Navajo 138-1 (77) *None	30	427	5,389	30	2	1,360	17,500	96	218,259	726,005	26,291
Navajo 138-2 (106) *None	30	0	0	226	2	0	0	888	7,566	0	38,118
Navajo 138-3 (115) *None	29	612	677	43	2	2,060	2,140	144	405,202	208,637	44,469
Operator & Field Total		1,039	6,066	299		3,420	19,640	1,128	631,027	934,642	108,878
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	30	178	106	3,823	2	1,739	106	15,332	185,300	1,260	1,029,699
Pan American Navajo "O"-3 (640) 02-001-20207	28	994	0	1,061	3	4,391	0	4,219	101,219	6,321	110,159
Pan American Navajo "O"-4 (663) 02-001-20219	28	994	1,492	1,210	3	3,205	3,334	3,606	83,225	39,665	64,486
Pan American Navajo "O"-5 (678) 02-001-20228	28	332	497	486 882	2 3	1,258	1,269	5,049	17,714	19,366	43,672
Operator & Field Total		2,498	2,095	7,462		10,593	4,709	28,206	387,458	66,612	1,248,016
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									392,856	176,888	1,265,715

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28) *None	15	668	543	220 627	2 3	3,935	3,113	4,687	60,047	90,497	1,866,811
Humble Navajo 3 (515) 02-001-20115	22	220	3,150	220 895	2 3	613	14,950	3,395	57,985	587,373	362,053
Humble Navajo E-1 (58) *None	30	244	19,750	0		882	50,950	0	280,587	1,224,378	998,745
Shell Navajo 2 (22) *None	21	50	30	3,180	3	257	145	15,255	8,642	3,802	1,630,606
Operator & Field Total		1,182	23,473	5,142		5,687	69,158	23,337	407,261	1,906,050	4,858,215
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									782,619	4,298,326	9,398,751
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		27,503	51,873	25,288		107,843	175,735	95,970	17,864,148	9,010,037	17,282,334

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
MAY 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	765	59	255	1	3,941	318	1,312	1,048,444	29,816	97,389
Navajo 3X (386) 02-001-20011	31	517	587	2,518	2	3,239	976	15,774	1,832,924	259,946	432,622
Navajo 4 (384) 02-001-20009	31	5,866	3,288	53	1	23,069	13,459	208	2,961,596	1,064,855	86,106
Navajo 6 (390) 02-001-20014	31	441	0	408	1	2,298	48	2,126	239,441	10,637	73,942
Navajo 9 (396) 02-001-20020	31	608	5,019	289	1	2,484	21,721	1,180	1,648,695	413,448	256,836
Navajo 11 (506) 02-001-20106	31	31	29	389	2	267	112	3,347	912,337	81,294	374,545
Navajo 13 (420) 02-001-20044	19	245	0	1,544	1	542	71	3,415	4,518	4,534	10,718
Navajo 14 (416) 02-001-20040	31	796	29	613	1	3,627	473	2,793	278,438	18,751	127,697
Navajo 15 (417) 02-001-20041	31	95	117	108	1	630	319	715	103,757	13,797	27,180
Navajo 16 (419) 02-001-20143	31	304	793	61	1	1,421	3,157	285	91,309	19,354	15,173
Navajo 17 (618) 02-001-20190	31	179	59	84	1	695	129	327	42,188	6,539	36,441
Navajo 18 (690) 02-001-20239	31	1,015	7,191	477	1	2,926	22,639	1,118	61,201	116,762	10,408

Gas Distribution Symbols in this Report:
1 - Flared
2 - Used on Lease
3 - Sold
4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	27	3,103	235	1,471	1	18,064	2,663	8,563	180,493	6,299	46,985
Navajo 20 (696) 02-001-20245	31	2,887	59	699	1	16,003	59	3,873	109,825	2,457	32,357
Navajo 21 (693) 02-001-20242	31	168	176	91	1	1,606	1,776	867	20,794	17,616	9,071
Navajo 22 (692) 02-001-20241	31	247	176	TSTM		1,313	330	0	18,501	2,468	8,690
Navajo 24 (695) 02-001-20244	31	1,760	6,810	542	1	8,841	33,599	2,722	71,778	180,702	37,825
Navajo B-1X (445) 02-001-20068	31	2,625	147	326	1	11,835	580	1,467	1,690,966	46,888	181,915
Navajo C-1 (484) 02-001-20092	31	17	29	TSTM		81	141	0	2,354	1,840	1,174
Navajo 88-2 (431) 02-001-20055	31	951	470	225	1	4,103	3,978	972	732,845	218,606	111,221
Navajo 88-3 (443) 02-001-20066	31	297	176	371	1	907	760	1,134	172,097	57,362	175,773
Navajo 138-1 (388) 02-001-20012	31	1,146	117	588	1	4,314	486	2,213	1,019,494	50,244	435,716
Operator & Field Total		24,063	25,566	11,112		112,206	107,794	54,411	13,243,995	2,624,215	2,589,784
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,955,411	3,395,547	2,988,136

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	29	389	4,461	26	2	1,749	21,961	122	218,648	730,466	26.317
Navajo 138-2 (106) *None	31	0	0	242	2	0	0	1,130	7,566	0	38,360
Navajo 138-3 (115) *None	30	679	672	48	2	2,739	2,812	192	405,881	209,309	44,517
Operator & Field Total		1,068	5,133	316		4,488	24,773	1,444	632,095	939,775	109,194
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	31	153	245	4,018	2	1,892	351	19,350	185,453	1,505	1,033,717
Pan American Navajo "O"-3 (640) 02-001-20207	31	1,072	31	792	3	5,463	31	5,011	102,291	6,352	110,951
Pan American Navajo "O"-4 (663) 02-001-20219	30	890	1,334	751	3	4,095	4,668	4,357	84,115	40,999	65,237
Pan American Navajo "O"-5 (678) 02-001-20228	31	306	766	538 565	2 3	1,564	2,035	6,152	18,020	20,132	44,775
Operator & Field Total		2,421	2,376	6,664		13,014	7,085	34,870	389,879	68,988	1,254,680
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									395,277	179,264	1,272,379

EAST BOUNDARY BUTTE (PARADOX) Merrion & Bayless	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28)	20	1,200	723	160	2	5,135	3,836	5,687	61,247	91,220	1,867,811
*None				840	3						
Humble Navajo 3 (515) 02-001-20115	21	205	3,150	150	2	818	18,100	3,545	58,190	590,523	362,203
Humble Navajo E-1 (58)	8	56	4,800	0		938	55,750	0	280,643	1,229,178	998,745
*None											
Shell Navajo 2 (22)	10	21	12	1,247	3	278	157	16,502	8,663	3,814	1,631,853
*None											
Operator & Field Total		1,482	8,685	2,397		7,169	77,843	25,734	408,743	1,914,735	4,860,612
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									784,101	4,307,011	9,401,148
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		29,034	41,760	20,489		136,877	217,495	116,459	17,893,182	9,051,797	17,302,823

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
JUNE 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	30	483	187	161	1	4,424	505	1,473	1,048,927	30,003	97,550
Navajo 3X (386) 02-001-20011	29	656	94	3,195	2	3,895	1,070	18,969	1,833,580	260,040	435,817
Navajo 4 (384) 02-001-20009	30	5,447	2,245	49	1	28,516	15,704	257	2,967,043	1,067,100	86,155
Navajo 6 (390) 02-001-20014	30	545	0	504	1	2,843	48	2,630	239,986	10,637	74,446
Navajo 9 (396) 02-001-20020	30	380	3,929	181	1	2,864	25,650	1,361	1,649,075	417,377	257,017
Navajo 11 (506) 02-001-20106	30	29	31	363	2	296	143	3,710	912,366	81,325	374,908
Navajo 13 (420) 02-001-20044	28	287	0	1,808	1	829	71	5,223	4,805	4,534	12,526
Navajo 14 (416) 02-001-20040	30	678	94	522	1	4,305	567	3,315	279,116	18,845	128,219
Navajo 15 (417) 02-001-20041	30	235	0	266	1	865	319	981	103,992	13,797	27,446
Navajo 16 (419) 02-001-20143	30	268	156	54	1	1,689	3,313	339	91,577	19,510	15,227
Navajo 17 (618) 02-001-20190	30	140	125	66	1	835	254	393	42,328	6,664	36,507
Navajo 18 (690) 02-001-20239	29	1,431	6,953	479	1	4,357	29,592	1,597	62,632	123,715	10,887

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	30	2,911	187	1,380	1	20,975	2,850	9,943	183,404	6,486	48,365
Navajo 20 (696) 02-001-20245	30	2.638	31	638	1	18,641	90	4,511	112,463	2,488	32,995
Navajo 21 (693) 02-001-20242	28	260	686	140	1	1,866	2,462	1,007	21,054	18,302	9,211
Navajo 22 (692) 02-001-20241	28	253	0	TSTM		1,566	330	0	18,754	2,468	8,690
Navajo 24 (695) 02-001-20244	30	1,587	7,671	489	1	10,428	41,270	3,211	73,365	188,373	38,314
Navajo B-1X (445) 02-001-20068	30	2,507	94	311	1	14,342	674	1,778	1,693,473	46,982	182,226
Navajo C-1 (484) 02-001-20092	30	15	31	TSTM		96	172	0	2,369	1,871	1,174
Navajo 88-2 (431) 02-001-20055	30	689	904	163	1	4,792	4,882	1,135	733,534	219,510	111,384
Navajo 88-3 (443) 02-001-20066	28	136	62	170	1	1,043	822	1,304	172,233	57,424	175,943
Navajo 138-1 (388) 02-001-20012	29	838	187	430	1	5,152	673	2,643	1,020,332	50,431	436,146
Operator & Field Total		22,413	23,667	11,369		134,619	131,461	65,780	13,266,408	2,647,882	2,601,153
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,977,824	3,419,214	2,999,505

DRY MESA (MISSISSIPPIAN)	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	22	129	2,232	9	2	1,878	24,193	131	218,777	732,698	26,326
Navajo 138-2 (106) *None	30	0	0	236	2	0	0	1,366	7,566	0	38,596
Navajo 138-3 (115) *None	29	550	459	39	2	3,289	3,271	231	406,431	209,768	44,556
Operator & Field Total		679	2,691	284		5,167	27,464	1,728	632,774	942,466	109,478
WILDCAT - UNDESIGNATED											
Kenai Oil & Gas											
Navajo 34-7 (717) 02-001-20248	23	598	0	0		598	0	0	598	0	0
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	30	149	238	3,899	2	2,041	589	23,249	185,602	1,743	1,037,616
Pan American Navajo "O"-3 (640) 02-001-20207	30	1,042	30	1,093	3	6,505	61	6,104	103,333	6,382	112,044
Pan American Navajo "O"-4 (663) 02-001-20219	30	893	1,340	1,068	3	4,988	6,008	5,425	85,008	42,339	66,305
Pan American Navajo "O"-5 (678) 02-001-20228	29	288	719	503 755	2 3	1,852	2,754	7,410	18,308	20,851	46,033
Operator & Field Total		2,372	2,327	7,318		15,386	9,412	42,188	392,251	71,315	1,261,998
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									397,649	181,591	1,279,697

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	MONTHLY PRODUCTION WATER BBLS	MONTHLY PRODUCTION GAS MCF	MONTHLY PRODUCTION GAS DISP	YEAR TO DATE OIL BBLS	YEAR TO DATE WATER BBLS	YEAR TO DATE GAS MCF	ALL TIME CUMULATIVE OIL BBLS	ALL TIME CUMULATIVE WATER BBLS	ALL TIME CUMULATIVE GAS MCF
Humble Navajo 1 (28) *None	24	1,054	623	160 840	2 3	6,189	4,459	6,687	62,301	91,843	1,868,811
Humble Navajo 3 (515) 02-001-20115	22	175	2,970	150	2	993	21,070	3,690	58,365	593,493	362,353
Humble Navajo E-1 (58) *None	24	187	14,400	0		1,125	70,150	0	280,830	1,243,578	998,745
Shell Navajo 2 (22) *None	23	11	5	1,584	3	289	162	18,086	8,674	3,819	1,633,437
Operator & Field Total		1,427	17,998	2,734		8,596	95,841	28,468	410,170	1,932,733	4,863,346
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									785,528	4,325,009	9,403,882
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		27,489	46,683	21,705		164,366	264,178	138,164	17,920,671	9,098,480	17,324,528

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
JULY 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	560	30	186	1	4,984	535	1,659	1,049,487	30,033	97,736
Navajo 3X (386) 02-001-20011	31	880	90	4,286	2	4,775	1,160	23,255	1,834,460	260,130	440,103
Navajo 4 (384) 02-001-20009	31	4,898	1,822	44	1	33,414	17,526	301	2,971,941	1,068,922	86,199
Navajo 6 (390) 02-001-20014	31	540	0	500	1	3,383	48	3,130	240,526	10,637	74,946
Navajo 9 (396) 02-001-20020	31	326	3,794	155	1	3,190	29,444	1,516	1,649,401	421,171	257,172
Navajo 11 (506) 02-001-20106	31	47	30	589	2	343	173	4,299	912,413	81,355	375,497
Navajo 13 (420) 02-001-20044	30	325	0	2,048	1	1,154	71	7,271	5,130	4,534	14,574
Navajo 14 (416) 02-001-20040	31	686	30	528	1	4,991	597	3,843	279,802	18,875	128,747
Navajo 15 (417) 02-001-20041	30	258	0	292	1	1,123	319	1,273	104,250	13,797	27,738
Navajo 16 (419) 02-001-20143	31	345	149	69	1	2,034	3,462	408	91,922	19,659	15,296
Navajo 17 (618) 02-001-20190	31	379	0	178	1	1,214	254	571	42,707	6,664	36,685
Navajo 18 (690) 02-001-20239	29	1,000	6,572	355	1	5,357	36,164	1,952	63,632	130,287	11,242

Gas Distribution Symbols in this Report:
1 - Flared
2 - Used on Lease
3 - Sold
4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Navajo 19 (691) 02-001-20240	28	2,562	149	1,214	1	23,537	2,999	11,157	185,966	6,635	49,579
Navajo 20 (696) 02-001-20245	31	2,358	90	570	1	20,999	180	5,081	114,821	2,578	33,565
Navajo 21 (693) 02-001-20242	31	343	657	185	1	2,209	3,119	1,192	21,397	18,959	9,396
Navajo 22 (692) 02-001-20241	25	340	0	TSTM		1,906	330	0	19,094	2,468	8,690
Navajo 24 (695) 02-001-20244	31	1,458	7,707	449	1	11,886	48,977	3,660	74,823	196,080	38,763
Navajo B-1X (445) 02-001-20068	31	1,809	0	224	1	16,151	674	2,002	1,695,282	46,982	182,450
Navajo C-1 (484) 02-001-20092	31	13	30	TSTM		109	202	0	2,382	1,901	1,174
Navajo 88-2 (431) 02-001-20055	31	613	866	145	1	5,405	5,748	1,280	734,147	220,376	111,529
Navajo 88-3 (443) 02-001-20066	26	252	60	315	1	1,295	882	1,619	172,485	57,484	176,258
Navajo 138-1 (388) 02-001-20012	31	913	179	468	1	6,065	852	3,111	1,021,245	50,610	436,614
Navajo 138-3 (723) 02-001-20253	3	603	31	80	1	603	31	80	603	31	80
Operator & Field Total		21,508	22,286	12,880		156,127	153,747	78,660	13,287,916	2,670,168	2,614,033
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									15,999,332	3,441,500	3,012,385

July 1981

DRY MESA (MISSISSIPPIAN)	MONTHLY-PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
Monsanto Company	DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 138-1 (77) *None	26	356	4,375	25	2	2,234	28,568	156	219,133	737,073	26,351
Navajo 138-2 (106) *None	29	0	0	209	2	0	0	1,575	7,566	0	38,805
Navajo 138-3 (115) *None	31	518	569	36	2	3,807	3,840	267	406,949	210,337	44,592
Operator & Field Total		874	4,944	270		6,041	32,408	1,998	633,648	947,410	109,748
WILDCAT - UNDESIGNATED											
Kenai Oil & Gas											
Navajo 34-7 (717) 02-001-20248	23	1,488	0	0		2,086	0	0	2,086	0	0
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	28	136	217	3,435	2	2,177	806	26,684	185,738	1,960	1,041,051
Pan American Navajo "O"-3 (640) 02-001-20207	31	1,052	30	798	3	7,557	91	6,902	104,385	6,412	112,842
Pan American Navajo "O"-4 (663) 02-001-20219	31	902	1,353	779	3	5,890	7,361	6,204	85,910	43,692	67,084
Pan American Navajo "O"-5 (678) 02-001-20228	21	300	751	538 578	2 3	2,152	3,505	8,526	18,608	21,602	47,149
Operator & Field Total		2,390	2,351	6,128		17,776	11,763	48,316	394,641	73,666	1,268,126
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									400,039	183,942	1,285,825

July 1981

EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Humble Navajo 1 (28)	20	791	480	160	2	6,980	4,939	8,437	63,092	92,323	1,870,561
*None				1,590	3						
Humble Navajo 3 (515) 02-001-20115	20	150	3,000	150	2	1,143	24,070	4,258	58,515	596,493	362,916
				413	3						
Humble Navajo E-1 (58)	30	225	17,000	0		1,350	87,150	0	281,055	1,260,578	998,745
*None											
Shell Navajo 2 (22)	30	94	40	2,500	3	383	202	20,586	8,768	3,859	1,635,937
*None											
Operator & Field Total		1,260	20,520	4,813		9,856	116,361	33,281	411,430	1,953,253	4,868,159
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									786,788	4,345,529	9,408,695
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966
											H 9,237,739
TOTALS		27,520	50,101	24,091		191,886	314,279	162,255	17,948,191	9,148,581	17,348,619

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OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
AUGUST 1981

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA)

Kerr-McGee Corporation	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
Navajo 1 (377) 02-001-20001*	31	528	226	176	1	5,512	761	1,835	1,050,015	30,259	97,912
Navajo 3X (386) 02-001-20011	31	873	85	4,252	2	5,648	1,245	27,507	1,835,333	260,215	444,355
Navajo 4 (384) 02-001-20009	31	4,969	2,455	45	1	38,383	19,981	346	2,976,910	1,071,377	86,244
Navajo 6 (390) 02-001-20014	31	548	28	507	1	3,931	76	3,637	241,074	10,665	75,453
Navajo 9 (396) 02-001-20020	29	215	6,704	102	1	3,405	36,148	1,618	1,649,616	427,875	257,274
Navajo 11 (506) 02-001-20106	27	51	25	639	2	394	198	4,938	912,464	81,380	376,136
Navajo 13 (420) 02-001-20044	31	147	0	926	1	1,301	71	8,197	5,277	4,534	15,500
Navajo 14 (416) 02-001-20040	31	668	28	514	1	5,659	625	4,357	280,470	18,903	129,261
Navajo 15 (417) 02-001-20041	31	257	28	291	1	1,380	347	1,564	104,507	13,825	28,029
Navajo 16 (419) 02-001-20143	31	337	73	67	1	2,371	3,535	475	92,259	19,732	15,363
Navajo 17 (618) 02-001-20190	31	264	85	124	1	1,478	339	695	42,971	6,749	36,809
Navajo 18 (690) 02-001-20239	30	634	4,997	212	1	5,991	41,161	2,164	64,266	135,284	11,454
Navajo 19 (691) 02-001-20240	30	2,677	137	1,269	1	26,214	3,136	12,426	188,643	6,772	50,848

Gas Distribution Symbols in this Report:
1 - Flared 3 - Sold
2 - Used on Lease 4 - Lost (MCF estimated)

State Permit Numbers are shown in parentheses
H - Indicates Helium Gas
* - API Well Number

BEST AVAILABLE COPY

DINEH-BI-KEYAH (Continued)

Kerr-McGee Corporation	MONTHLY PRODUCTION DAYS	OIL BBLS	WATER BBLS	GAS MCF	GAS DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Navajo 20 (696) 02-001-20245	30	2,226	0	539	1	23,225	180	5,620	117,047	2,578	34,104
Navajo 21 (693) 02-001-20242	31	345	621	186	1	2,554	3,740	1,378	21,742	19,580	9,582
Navajo 22 (692) 02-001-20241	17	344	0	TSTM		2,250	330	0	19,438	2,468	8,690
Navajo 24 (695) 02-001-20244	31	1,329	6,631	409	1	13,215	55,608	4,069	76,152	202,711	39,172
Navajo 27 (721) 02-001-20251	5	1,003	23	100	1	1,003	23	100	1,003	23	100
Navajo B-1X (445) 02-001-20068	31	1,696	85	210	1	17,847	759	2,212	1,696,978	47,067	182,660
Navajo C-I (397/484) 02-001-20092	14	14	13	TSTM		123	215	0	2,396	1,914	1,174
Navajo 88-2 (431) 02-001-20055	27	663	762	157	1	6,068	6,510	1,437	734,810	221,138	111,686
Navajo 88-3 (443) 02-001-20066	31	251	226	314	1	1,546	1,108	1,933	172,736	57,710	176,572
Navajo 138-1 (388) 02-001-20012	31	879	85	451	1	6,944	937	3,562	1,022,124	50,695	437,065
Navajo 138-3 (723) 02-001-20253	31	5,762	479	761	1	6,365	510	841	6,365	510	841
Operator & Field Total		26,680	23,796	12,251		182,807	177,543	90,911	13,314,596	2,693,964	2,626,284
Total of Wells Not Now Producing									2,711,416	771,332	398,352
TOTAL									16,026,012	3,465,296	3,024,636

BEST AVAILABLE COPY

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Monsanto Company											
Navajo 138-1 (77) *None	31	680	5,466	48	2	2,914	34,034	204	219,813	742,539	26,399
Navajo 138-2 (106) *None	31	0	0	270	2	0	0	1,845	7,566	0	39,075
Navajo 138-3 (115) *None	31	508	583	36	2	4,315	4,423	303	407,457	210,920	44,628
Operator & Field Total		1,188	6,049	354		7,229	38,457	2,352	634,836	953,459	110,102
WILDCAT - UNDESIGNATED											
Kenai Oil & Gas											
Navajo 34-7 (717) 02-001-20248	20	1,023	0	2,251 uninflammable	1	3,566*	0	7,659* uninflammable	3,566*	0	7.659* uninflammable
*Reflects ammended figures received 9-14-81											
TEEC NOS POS (ISMAY)											
Energy Reserves Group											
Pan American Navajo "O"-1 (232) *None	29	135	27	3,967	2	2,312	833	30,651	185,873	1,987	1,045,018
Pan American Navajo "O"-3 (640) 02-001-20207	31	1,009	29	1,050	3	8,566	120	7,952	105,394	6,441	113,892
Pan American Navajo "O"-4 (663) 02-001-20219	31	864	1,297	1,024	3	6,754	8,658	7,228	86,774	44,989	68,108
Pan American Navajo "O"-5 (678) 02-001-20228	31	288	720	538 747	2 3	2,440	4,225	9,811	18,896	22,322	48,434
Operator & Field Total		2,296	2,073	7,326		20,072	13,836	55,642	396,937	75,739	1,275,452
Total of Wells Not Now Producing									5,398	110,276	17,699
TOTAL									402,335	186,015	1,293,151

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EAST BOUNDARY BUTTE (PARADOX)

Merrion & Bayless	DAYS	MONTHLY PRODUCTION OIL BBLS	MONTHLY PRODUCTION WATER BBLS	MONTHLY PRODUCTION GAS MCF	MONTHLY PRODUCTION GAS DISP	YEAR TO DATE OIL BBLS	YEAR TO DATE WATER BBLS	YEAR TO DATE GAS MCF	ALL TIME CUMULATIVE OIL BBLS	ALL TIME CUMULATIVE WATER BBLS	ALL TIME CUMULATIVE GAS MCF
Humble Navajo 1 (28) *None	28	1,004	702	210 1,402	2 3	7,984	5,641	10,049	64,096	93,025	1,872,173
Humble Navajo 3 (515) 02-001-20115	30	180	3,110	230 1,150	2 3	1,323	27,180	5,638	58,695	599,603	364,296
Humble Navajo E-1 (58) *None	10	60	5,800	0		1,410	92,950	0	281,115	1,266,378	998,745
Shell Navajo 2 (22) *None	20	75	33	2,520	3	458	235	23,106	8,843	3,892	1,638,457
Operator & Field Total		1,319	9,645	5,512		11,175	126,006	38,793	412,749	1,962,898	4,873,671
Total of Wells Not Now Producing									375,358	2,392,276	4,540,536
TOTAL									788,107	4,355,174	9,414,207
WELLS NOT NOW PRODUCING - OTHER FIELDS									126,298	230,200	3,531,966 H 9,237,739
TOTALS		32,506	41,563	27,694		224,849	355,842	195,357	17,981,154	9,190,144	17,381,721

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